

**Voluntary Remediation Program
Indiana Department of Environmental Management**

Project Summary

Site Name:	Roll Center
Applicant Name:	Roll Center Inc. and Center Point Properties Trust
Site Location:	201 Mississippi St., Gary, Lake Co. IN
VRP Site Number:	6990906
Project Manager:	Chris Ferguson
Date Application Received:	September 24 ^h , 1999
Date Project Completed:	December 17 th , 2008
Contaminant(s):	Chromium (III), Chromium (VI)
Media Addressed:	Groundwater
Cleanup Objectives Achieved:	VRP 1996 Tier II (Non-Residential)
Deed/Land-Use Restrictions:	Environmental Restrictive Covenant: <ul style="list-style-type: none">-No Residential Use (Site-wide)-No Agricultural Use (Site-wide)-No Groundwater Use (Site-wide)

Site Photograph:



Project Summary: The **Roll Center** site in Gary, Lake Co. was used for the repair of steel plate rollers used in steel and aluminum mills. Specific operations included machining, grinding, welding, and chrome plating. It occupied space in the southeast corner of a multi-tenant industrial building known as the Great Lakes Industrial Center (GLIC). It has been out of operation since November of 2000. The GLIC facility was first developed in the mid-1940s by the Federal government for use as part of the war effort. Shortly after construction the building was sold to Gates City Steel and remained mostly vacant. In 1984 the property was purchased by Capital Regional Development and converted into a multi-industrial facility. During the mid-1980s units 18E and 21 were occupied by Refax and utilized as a steel fabricating facility (mostly shot blast). Roll Center occupied these units from the late 1980s until 2000.

The site is located in an industrial area and is bounded on the north, south, and east by railroad tracks and on the west by Tennessee Street. A residential area lies approximately half a mile southwest of the site. USX Gary Steel Mill lies north across the Grand Calumet River. Vacant commercial land is located south, east, and west of the site.

Investigation of the site began in late 1998 to determine whether the site had been impacted by the chrome plating operations and/or use of the plating pit. Hexavalent chromium (VI) was detected in groundwater above IDEM's Tier II Nonresidential Cleanup Objectives (Tier II NRCO).

Chemicals of concern for this site include chromium (III) and hexavalent chromium (VI). None of the soil samples collected on site contained contaminant concentrations above the IDEM Tier II NRCO for either contaminant.

In accordance with the approved Remediation Work Plan, the groundwater conditions in the affected portion of the site were repeatedly monitored until the levels of chromium (III) and hexavalent chromium (VI) reported below the VRP Tier II NRCO for four consecutive quarters. A confirmation sampling event, performed in February 2008, reported all contaminants of concern below the Tier II closure level.

In order to ensure that future exposure risk is minimized, an Environmental Restrictive Covenant was placed on the Roll Center site, prohibiting the use of the site for residential or agricultural use and prohibiting the installation or use of groundwater wells. Based upon this information, the VRP determined that it would be acceptable to grant a default closure based upon the Tier II NRCO and a Certificate of Completion for the site.